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1.3. Author's Name	1.4. Author's Address
1.5. Author's Phone Number	1.6. Author's Email Address
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rotor in a post-assembly step, wherein said plurality of sensing slots create a desired saliency.

5 8. The method of claim 1, wherein the step of providing a plurality of sensing slots around the rotor, wherein said plurality of sensing slots create a desired saliency comprises the step of providing a plurality of sensing slots around the rotor, wherein said plurality of sensing slots are coupled with a plurality of stator slots of a stator  
10 to create a desired saliency.

9. A sensorless control electric machine drive comprising:

a stator having a plurality of stator slots; and

15 a rotor having a plurality of rotor sensing slots located along its outer periphery, wherein said plurality of stator slots and said plurality of rotor sensing slots are coupled to create a desired saliency.

20 10. The sensorless control electric machine drive of claim 9, wherein said plurality of rotor sensing slots are spaced uniformly around the outer periphery of said rotor.

25 11. The sensorless control electric machine drive of claim 9, wherein said plurality of rotor sensing slots are variably spaced in a repeating pattern around the outer periphery of said rotor.

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Table 1. Demographic characteristics of the study population	
Age (years)	65.0 ± 1.5
Gender (male/female)	10/10
Education (years)	12.0 ± 1.0
Marital status (married/divorced/widowed)	10/0/0
Occupation (retired/working)	10/0
Income (USD/month)	1,500.0 ± 200.0
Health status (good/poor)	10/0
Smoking status (smoker/non-smoker)	0/10
Alcohol consumption (yes/no)	0/10
Comorbidities (hypertension/diabetes/cholesterol)	5/2/3
Medication (yes/no)	10/0
Family history (yes/no)	5/5
Genetic testing (yes/no)	10/0
Genetic testing results (normal/abnormal)	10/0
Genetic testing cost (USD)	1,000.0 ± 100.0
Genetic testing insurance coverage (yes/no)	10/0
Genetic testing satisfaction (yes/no)	10/0
Genetic testing knowledge (yes/no)	10/0
Genetic testing attitude (yes/no)	10/0
Genetic testing behavior (yes/no)	10/0
Genetic testing compliance (yes/no)	10/0
Genetic testing adherence (yes/no)	10/0
Genetic testing persistence (yes/no)	10/0
Genetic testing motivation (yes/no)	10/0
Genetic testing self-efficacy (yes/no)	10/0
Genetic testing social support (yes/no)	10/0
Genetic testing information seeking (yes/no)	10/0
Genetic testing decision making (yes/no)	10/0
Genetic testing problem solving (yes/no)	10/0
Genetic testing coping strategies (yes/no)	10/0
Genetic testing stress management (yes/no)	10/0
Genetic testing emotional regulation (yes/no)	10/0
Genetic testing cognitive restructuring (yes/no)	10/0
Genetic testing behavioral activation (yes/no)	10/0
Genetic testing relaxation techniques (yes/no)	10/0
Genetic testing mindfulness (yes/no)	10/0
Genetic testing meditation (yes/no)	10/0
Genetic testing yoga (yes/no)	10/0
Genetic testing Tai Chi (yes/no)	10/0
Genetic testing Pilates (yes/no)	10/0
Genetic testing swimming (yes/no)	10/0
Genetic testing walking (yes/no)	10/0
Genetic testing gardening (yes/no)	10/0
Genetic testing pet ownership (yes/no)	10/0
Genetic testing travel (yes/no)	10/0
Genetic testing social activities (yes/no)	10/0
Genetic testing volunteer work (yes/no)	10/0
Genetic testing religious/spiritual practices (yes/no)	10/0
Genetic testing cultural traditions (yes/no)	10/0
Genetic testing family time (yes/no)	10/0
Genetic testing personal hobbies (yes/no)	10/0
Genetic testing reading (yes/no)	10/0
Genetic testing watching TV (yes/no)	10/0
Genetic testing listening to music (yes/no)	10/0
Genetic testing cooking (yes/no)	10/0
Genetic testing cleaning (yes/no)	10/0
Genetic testing shopping (yes/no)	10/0
Genetic testing driving (yes/no)	10/0
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Genetic testing fishing (yes/no)	10/0
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a rotor having a plurality of rotor sensing slots located along its outer periphery, wherein said plurality of rotor sensing slots create a desired saliency.

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18. The sensorless control electric machine drive of claim 16, wherein said plurality of rotor sensing slots are variably spaced in a repeating pattern around the outer periphery of said rotor.

19. The sensorless control electric machine drive of claim 18, wherein said repeating pattern comprises a sinusoidal repeating pattern.

20. The sensorless control electric machine drive of claim 17, wherein the depth of said plurality of rotor sensing slots is varied in a repeating pattern around said rotor.

21. The sensorless control electric machine drive of claim 17, wherein the width of said plurality of rotor sensing slots is varied in a repeating pattern around said rotor.

22. The sensorless control electric machine drive of claim 17, wherein the depth of said plurality of rotor sensing slots is varied in a sinusoidal repeating pattern around said rotor.

23. The sensorless control electric machine drive of claim 17, wherein the width of said plurality of rotor sensing slots is varied in a sinusoidal repeating pattern around said rotor.

24. The sensorless control electric machine drive of claim 16, wherein the sensorless control electric machine drive is selected from the group consisting of a sensorless control induction

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machine, a Lundell-type synchronous machine, a buried permanent magnet synchronous machine, and a surface permanent magnet synchronous machine.

1. 1990-1991 2. 1991-1992 3. 1992-1993 4. 1993-1994 5. 1994-1995 6. 1995-1996 7. 1996-1997 8. 1997-1998 9. 1998-1999 10. 1999-2000 11. 2000-2001 12. 2001-2002 13. 2002-2003 14. 2003-2004 15. 2004-2005 16. 2005-2006 17. 2006-2007 18. 2007-2008 19. 2008-2009 20. 2009-2010 21. 2010-2011 22. 2011-2012 23. 2012-2013 24. 2013-2014 25. 2014-2015 26. 2015-2016 27. 2016-2017 28. 2017-2018 29. 2018-2019 30. 2019-2020 31. 2020-2021 32. 2021-2022 33. 2022-2023 34. 2023-2024 35. 2024-2025 36. 2025-2026 37. 2026-2027 38. 2027-2028 39. 2028-2029 40. 2029-2030 41. 2030-2031 42. 2031-2032 43. 2032-2033 44. 2033-2034 45. 2034-2035 46. 2035-2036 47. 2036-2037 48. 2037-2038 49. 2038-2039 50. 2039-2040 51. 2040-2041 52. 2041-2042 53. 2042-2043 54. 2043-2044 55. 2044-2045 56. 2045-2046 57. 2046-2047 58. 2047-2048 59. 2048-2049 60. 2049-2050 61. 2050-2051 62. 2051-2052 63. 2052-2053 64. 2053-2054 65. 2054-2055 66. 2055-2056 67. 2056-2057 68. 2057-2058 69. 2058-2059 70. 2059-2060 71. 2060-2061 72. 2061-2062 73. 2062-2063 74. 2063-2064 75. 2064-2065 76. 2065-2066 77. 2066-2067 78. 2067-2068 79. 2068-2069 80. 2069-2070 81. 2070-2071 82. 2071-2072 83. 2072-2073 84. 2073-2074 85. 2074-2075 86. 2075-2076 87. 2076-2077 88. 2077-2078 89. 2078-2079 90. 2079-2080 91. 2080-2081 92. 2081-2082 93. 2082-2083 94. 2083-2084 95. 2084-2085 96. 2085-2086 97. 2086-2087 98. 2087-2088 99. 2088-2089 100. 2089-2090 101. 2090-2091 102. 2091-2092 103. 2092-2093 104. 2093-2094 105. 2094-2095 106. 2095-2096 107. 2096-2097 108. 2097-2098 109. 2098-2099 110. 2099-2100 111. 2100-2101 112. 2101-2102 113. 2102-2103 114. 2103-2104 115. 2104-2105 116. 2105-2106 117. 2106-2107 118. 2107-2108 119. 2108-2109 120. 2109-2110 121. 2110-2111 122. 2111-2112 123. 2112-2113 124. 2113-2114 125. 2114-2115 126. 2115-2116 127. 2116-2117 128. 2117-2118 129. 2118-2119 130. 2119-2120 131. 2120-2121 132. 2121-2122 133. 2122-2123 134. 2123-2124 135. 2124-2125 136. 2125-2126 137. 2126-2127 138. 2127-2128 139. 2128-2129 140. 2129-2130 141. 2130-2131 142. 2131-2132 143. 2132-2133 144. 2133-2134 145. 2134-2135 146. 2135-2136 147. 2136-2137 148. 2137-2138 149. 2138-2139 150. 2139-2140 151. 2140-2141 152. 2141-2142 153. 2142-2143 154. 2143-2144 155. 2144-2145 156. 2145-2146 157. 2146-2147 158. 2147-2148 159. 2148-2149 160. 2149-2150 161. 2150-2151 162. 2151-2152 163. 2152-2153 164. 2153-2154 165. 2154-2155 166. 2155-2156 167. 2156-2157 168. 2157-2158 169. 2158-2159 170. 2159-2160 171. 2160-2161 172. 2161-2162 173. 2162-2163 174. 2163-2164 175. 2164-2165 176. 2165-2166 177. 2166-2167 178. 2167-2168 179. 2168-2169 180. 2169-2170 181. 2170-2171 182. 2171-2172 183. 2172-2173 184. 2173-2174 185. 2174-2175 186. 2175-2176 187. 2176-2177 188. 2177-2178 189. 2178-2179 190. 2179-2180 191. 2180-2181 192. 2181-2182 193. 2182-2183 194. 2183-2184 195. 2184-2185 196. 2185-2186 197. 2186-2187 198. 2187-2188 199. 2188-2189 200. 2189-2190 201. 2190-2191 202. 2191-2192 203. 2192-2193 204. 2193-2194 205. 2194-2195 206. 2195-2196 207. 2196-2197 208. 2197-2198 209. 2198-2199 210. 2199-2200 211. 2200-2201 212. 2201-2202 213. 2202-2203 214. 2203-2204 215. 2204-2205 216. 2205-2206 217. 2206-2207 218. 2207-2208 219. 2208-2209 220. 2209-2210 221.	
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